Vol. XXIV. No. 77.

BOSTON, MASS., MONDAY, MAY 1, 1905

PRICE FIVE CENTS.

### "THE CHEMICAL MAID."

#### The First Performance of the Show.

The first presentation of "The Chemical Maid," scored such an immense hit that it even surpassed the best hopes of the management. It is safe to say that no Tech Show has made such a big success of its first performance. The house was crowded and the audience appreciated and applauded every song. For two and one-half hours there was no let up in the fun and merriment, and the finale of the last act was applauded with an enthusiasm that showed the unwillingness of the audience to realize that "The Chemical Maid" was concluded.

Individually the acting and songs were artistic, while numerous hits on the Faculty caused great merriment. The honors of the afternoon were shared by R. Davis, '05, and A. F. Bancroft, '07. Bancroft's first appearance, coming out of the large cauldron amid smoke and flame, was somewhat of a surprise, and his song, "The Chemical Maid," was encored again and again. As Maud he was very attractive and very few more striking girls are to be found except among professionals. The love scenes of Dick and Mand were very realistic. Davis, as "Jack Tar," added one more to his previous successes. His acting was at all times easy and natural, while his drunken scene was admirably executed. Jack Tar's song, "That Awful Tired Feeling," was one of the hits of the afternoon and he seemed really to have "that awful tired feeling" as he got off his several jokes on the Professors.

Few professionals display more readiness to meet situations and natural talent than Davis, as was shown in his final encore, when all the verses had been given he relied solely on gestures and made an unusual hit. "The Single Man," given by Heinie and Jack Tar was no less warmly applauded. One of the most amusing scenes of the day was the group of novelties introduced in connection with the song "On Boylston Street," the words of which were written by Davis. Jack Tar, Heinie, Maud and Mamie gave admirable imitations of the several references made to Wellesley, Harvard Students, Freshman Drill and Canoeing on the Charles. This was the more appreciated because of the presence of quite a number of Wellesley girls in the audience. Spinoza was not forgotten while references to Professor Currier and Professor Adams also caused some amusement. A. Ellis in his song, "The Majesty of the U.S. A." also made clever hits on the Boston police

(Continued on page 4.)

## ALUMNI CIRCULAR.

#### Circular on the Merger with Harvard Sent to All the Alumni.

A pamphlet of sixty pages on the proposed alliance with Harvard was issued to all Tech Alumni Wednesday, April 26. In this pamphlet the Executive Committee of the Alumni Association announces that a meeting of all former Tech students will be held in Huntington Hall on Thursday, May 4, at 7.30 p.m. President Pritchett, Dean Burton, Mr. E. S. Draper, Col. T. L. Livermore, Messrs. J. R. Freeman and J. P. Munroe will present the various phases of the proposed agreement and will considerall questions which may be transmitted to the Secretary of the Association by any of the Alumni before May 3.

The pamphlet gives a brief history of the proposed agreement, with an extract from the will and codicils of the late Gordon McKay. 1t also contains several documents transmitted both by advocates and opponents of the project. The first one is by President Pritchett on "A General View of the Proposed Plan for Co-operation in Technical Education between Harvard University and the Massachusetts Institute of Technology," which was prepared at the request of the Executive Committee of the Alumni Association. Both sides of the question are carefully considered by him, the advantages and disadvantages being discussed in detail. He states that the plan proposes the following great advantages: ,(1) The effort to develop a great technical school to be worked out in this community in one great school, the Institute of Technology, instead of in two rival ones; (2) The association and alliance with the oldest and greatest of American Universities; (3) The undivided support of the community for technical educa-tion; (4) The Institute's freedom in education unhampered. On the other hand, the plan involves the following difficulties and possible advantages: (1) The possible effect upon the ideals and traditions of the Institute by transplanting to a new site; (2) The danger of failure in an agreement revocable at the pleasure of either party thereto; (3) The giving up of a site in the centre of the city which is convenient, accessible, and in many ways suited to the work of a technical school; (4) The expense and effort necessary to secure a new site and new buildings. He concludes the document by saying that, "Whatever may be our honest differences of judgment as to the wisdom of this or that policy, I trust that there can be no difference (Continued on page 10.)

#### C. E. SUMMER SCHOOL.

#### Large Attendance Expected at East Machais, Me.

Every effort is being made to hold a large and successful Civil Engineering Summer School this year. The School was emitted last year and the attendance is therefore expected to be large. The School will be held at East Machias, Me. The object of the Summer School is to supplement the required field work and to afford opportunity for special instruction in Geodetic and Topographic Surveying and Hydraulic Measurements. none of which can be given during the school year nor in the vicinity of a large city. The place is selected with a view to its especial adaptability to the work. The School is open to second and third year students who are in good standing, and men cannot take the work with the idea of making up deficiencies.

The first Sammer School in Civil Engineering was held in 1888 and there has been since that time a total enrolment of 256 with an average attendance of 16. Some of the factors which have in the past operated to make the school so successful are that since no time is necessary for theoretical instruction the entire three weeks may be spent on practical work in the field, and that coming as it does immediately after a term of hard study it affords a pleasant and much needed outing.

#### TRACK SQUAD PICKED.

The following men are to be entered for the Dual Games with Amherst on May 13, and they are expected to report for practice daily:

100 Yards: Richards, '07; Gibbons, '06; Lightner, '06; Williams,

220 Yards: Williams, '06; Richards, '07; Lightner, '06.

440 Yards: Howe, '06; Hertz, '06; Gould, '07; Loomis, '08.

Half Mile: Wilson, '06; Blackburn, '08.

1 Mile: Buckingham, '06; Allen, '08; Chapman, '07; Marey, '05.
2 Miles: Gallaway, '08; Adams,

'06; Howard, '06; Clapp, '06. 120-yard Hurdles: Noyes, '07:

Thomas, '07; Eaton, '07; Mann, '06. High Jump: Farrington, '05; Orr, '08; Tetlow, '07; Burleigh, '06. Broad Jump: Young, '06; Baldwin, '06; Todd, '08; Goldthwaite, '08. Shot Put: Child, '08; Paquet, '05; Polhemus, '06; Breitzke, '06. Throwing the Hammer: Knapp, '06. Ganinlock '05. Tetlow '07:

'06; Gouinlock, '05; Tetlow, '07; Lindsly, '06.

Discus: Gouinlock, '05; Lyons, '08; Rehn, '07; Tetlow, '07.

#### CALENDAR.

MONDAY, MAY 1.

5.00 r.m. 1907 Technique Board. Meeting. 30 Rogers.

TUESDAY, MAY 2.

6.30. P.M. British Empire Association. Dinner. Tech Union.

WEDNESDAY, MAY 3.

8.00 P.M. 23 Walker, American Institute of Electrical Engineers. 8.00 r.m. Technology Club Talk by by Lieut. Gov. Guild on "The Reconstruction of Cuba."

THURSDAY, MAY 4. 7 30 P.M. Huntington Hall, Alumni Meeting to discuss merger.

#### FACULTY NOTICE.

Next Recitation of Course B, Military Science on Friday, May 5, at 4 г.м.

#### NOTICES.

California men have formed a California Club and will hold a meeting in 22 Rogers, Friday, May 5. at 1 P.M.

Scholarship appointments have been issued for Second and Third Years, Courses III and V, for Tuesday, May 2. Inquire at Cage.

The Technology Club will hold the seventh evening of the season on Wednesday, May 3, at eight o'clock. There will be a smoke talk by Jr., on "The Reconstruction of Cuba."

#### TECHNIQUE, '06, DEFEATED THE TECH.

Saturday morning teams purporting to represent The Tech and Technique clashed at Technology Field. THE TECH Baseball Team suffered an ignominious defeat from the hands of the Technique, '06, Baseball Team. Both teams hit the ball hard and runs were frequent. Bases were stolen never to be returned and everyone enjoyed himself. The field was in good condition and the weather was fine. In fact everything went smoothly towards making the Technique Board happy.

The teams were composed of Vinton, Wetterer, Coe, Bingham, Bartlett, Stanley, Guest, Blodgett, Brooks and Robbins, for Technique, and Donnewald, Whitney, Waldo, Tylee, Benham, Frank, Bell, Trask, Dolke and Ranney, for The Tech. Umpire, E. B. Hill, '05. Time, about 4 hours. Score, Technique, 35; The Tech, 26.



during the college year (from September to June) by students of the Massachusetts Institute of Technology.

Entered as second-class matter October 6, 1904, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

#### Editorial Staff.

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R. E. BELL, 1905 W. RANNEY, 1906 W. G. WALDO, 1906 A. H. DONNEWALD, 1907

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Contributions are requested from all under-graduates, alumni and officers of instruction. No anonymous manuscript can be accepted. All communications regarding subscrip-tions or advertisements, should be addressed to the Business Manager.

- \$1.50 per year in advance. Subscription -Single Copies 3 Cents.

In charge of this issue: L. T. BUSHNELL, 1905.

Monday, May 1, 1905.

WILLIAM A. NICHOLS, PRINTER, 208 SUMMER ST., HEAR

There are few of us who have not in one way or another looked forward to these last three weeks of

the term as time for our hardest study. Some indeed who have worked Now to Work. steadily up to the pre-

sent time, have earned the right to an easy preparation for the finals, but the great majority expect to do anywhere from ten to thirty weeks work between now and June. However bad such methods may be in principle, and perhaps also in practice, we can at least have the satisfaction of knowing that our sacrificies were for those undertakings which made Junior week so eminently successful.

We doff our caps to the husky willow wielders of the Technique Team who took our measure so thoroughly Saturday morning. We understand they are to take on a team formerly known as the World's Champions or Collin's pets and we want to say that our money is on "Technique.

Through the malicious perversity inherent in type the review of the Show in this number is accredited to H. S. L. We do not know who H. S. L. may be, but we have assured ourselves of the fact that Mr. Seaver wrote the article.

Modern facilities were tested in a recent shipment of electrical apparatus to Mexico City, Mexico. The General Electric Company of Schenectady, N. Y., were informed by telegraph of the burning of a power house, and ordered to send complete new switchboard equipment. Within seven days the apparatus had been assembled and sent the 3,500 miles and was being installed.

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#### ANNUAL SPRING CONCERT.

The Annual Spring Concert and Dance of the Musical Clubs, given last Wednesday evening at the New Century Building, was a great suc-cess. Although the weather was sultry and threatening, over two hundred people were present. The matrons were: Mrs. Gaetano Lanza, Mrs. C. Frank Allen, Mrs. Frank P. McKibben, and Mrs. Frank H. Rand.

The program of the Concert was as follows:

- Jerusalem Morning, Glee Club.
- 2. Zeona Waltzes, Arnold Mandolin Club,
- Selected Edward F. Orchard, '08.
- A Bit O'Blarney, Banjo Club.
- The Night Has a Thousand Eyes, Glee Club. Nevin
- 'Cello Solo, Abbot H. Thompson, '08. Selected
- The Minstrel Echoes, Arr. by Lansing
  Banjo Club.
- Quartet: Annie Laurie, Arr. by Geibel
- Arr. b Patch, '06, Jackson, '06, Cook, '06, Orchard, '08. 9. Woodland,
- Luders Mandolin Club.
- Banjo Duet: Medley,
  Arr. by Killion
  Fales, '07, and Killion. '05. Lanesberg
- 11. Dry Yo' Eyes, Glee Club.

12. Dance of the Skeletons, Banjo and Mandolin Clubs.

The program was well selected and well rendered. Hard practice and numerous public engagements had put the Clubs in fine shape, and, as a result, this was one of the most successful concerts they have ever given. The Banjo Club's selections were lively and well adapted to banjo-playing. At times, however, the accompaniment was so loud that the air could not be heard. The Glee Club's work was excellent. The songs were of that short and semi-comical variety so popular just at present with college men. The Mandolin Club did the best work of the evening. Its selections and encores were in themselves excellent and became doubly so when

rendered as they were.

The solos equalled in excellence the rest of the program. E. F. Orchard, '08, has a fine voice and was encored twice. Some practical joker presented him with a fine head of cabbage. A. H. Thompson, '08, played some selections on the 'cello; O. G. Fales, '07, and L. J. Killon, '05

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gave a banjo duet, doing their wellknown cross-over as an encore. The quartet, composed of Patch, 06, Jackson, '06, Cook, '06, and Orchard, '08, sang "Annie Laurie" in fine style, and were encored four times. last number was a selection, " Dance of the Skeletons," given by the Banjo and Mandolin Clubs. The lights were turned out and a ghastly green light thrown on the players from the footlights. There only lacked a few skeletons to make the scene extremely realistic. music for the dance was furnished by Towne's Orchestra.

#### TECH SHOW REVIEWED.

From the libretto of "The Chemical Maid" are absent some of the features and some of the faults of previous Tech Shows. tume dances are not as lavishly introduced as sometimes before; in fact, The Daisy and Bee dance is the only, though a beautiful, example of decoratively costumed ballet. Little attempt seems made to have beautiful color effects by harmonious grouping on the stage of brilliant costume or by illumination, as was so well done in the Show of two years ago. Local hits and take-offs are scarcer than we wish, as witness the enthusiasm of the spectators over the occasional purely Tech jokes; an audience that is so exclusively and intimately a Tech crowd can hardly have enough of such. An improving omission is that of very extravagant personages, commoner, for instance, in last year's Show; it is perhaps to be questioned if even Jack Straw, the one extravagant part in this year's caste is really funny or merely absurd. The music, both chorus and solo, is the prominent element in "The Chemical Maid," and includes some pretty songs such as The Daisy and The Bee, and The Sunbeam; some songs comic in a general way, such as The Single Man; some songs funny

## Charles Wesley Hearn

... Dhotographer

to M. 11. T. 1905

Studio

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Seniors are earnestly requested to assist their Portfolio Committee by sitting as early as possible. The success of the Portfolio largely depends upon YOUR assistance in this respect. The Committee and Photographer are acting as an unit to make the Portfolio this year the best of the kind ever published by any college

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Also Photographer to M. I. T. '01, '02, '03, '04

especially to Tech men, such as, That Auful Tired Feeling and Boylston Street.

Though the Show seems, apart from the performers, not conspicuously better than its predecessors, the performance seems pretty certainly an advance over former years. There is always an amusement, not quite the same as any other, to be derived from boys' performances of girls' parts. Coquettishness, a phenomenon not without comic aspects even when displayed by its native sex, is convulsing when impersonated by men. Polly, in this Show, is an improvement over her actor's former successes; the Chemical Maid herself combines a nimbleness that is no bad substitute for grace, with some effectiveness in acting and singing. Jack Tar, at his best in his Tired Feeling, surely equals the funny men of previous Shows, and Heinie's dialect seems rather to set a new standard for natural and fluent absurdity in speech. No earlier Show, not even those fullest of dancing, had a better than the Wooden Shoe ballet, rendered not only with faultless accuracy but with much enthusiasm and ease. Of the solo dances that in lilac was astonishing as a physical feat but failed to conceal masculine loosejointedness and awkwardness; that in black was not only agile but beautifully graceful. H. S. L.

#### TECHNIQUE 1905.

Norman Lombard has been elected Business Manager of Technique, All persons holding bills Technique, 1905, should 1905. against present them at once. Statements of personal expenses from members of the Board must be presented by May 1, to be honored. Tickets will not be honored for books after May There are twenty books left which are now on sale at Cage, Eng. A, Co-op., and Mae's.

The officers of the Freshman Batallion have abandoned all hope of giving a dance this spring as they formerly intended. Moreover it looks very much at present as if Company C would not get any dinner for winning the competitive drill, unless the Batallion's finances improve considerably.

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(Continued from page 1.)

and proposed the Tech-Harvard

merger.

By far the greatest hit in the dancing line was made by the Dutch dance, which was a screamingly funny wooden shoe dance by German boys and girls. The steps and formations were decidedly clever and it was not until after a number of encores that the dancers were allowed to rest. W. M. Butts in his solo dance was graceful as usual, while J. E. Lynch showed excep-tional ability and received several encores.

The character Jack Straw was very unique and was well acted by W. A. Adams. His song, "I guess I'm Cupid, when he at last found his voice, was a fitting climax to his short, amusing career.





The leader for 124 Years Walter Baker & Co. Ltd. Established 1780 Dorchester, Mass, 45 HICHEST AWARDS IN

The Show on Friday was much the same as on Thursday, except that every thing went off much more smoothly. The acting was certainly much easier and better from a professional point of view, and the main difference lay in the introduction of a few original ideas, while the dash and snap with which everything took place tended to make it more enjoyable. The ridiculously "awful tired feeling" with which R. Davis answered his last encore to his drunken song received marked approval.

The house was again crowded and the audience was more appreciative and demonstrative than the day before. The choruses went particularly well, while the dances made as much of a hit as usual. J. E. Lynch was very warmly encored in his solo dance, W. M. Butts also received a generous share, and the applause was almost deafening when the German girls and boys appeared for their Dutch dance.

The love scene between Maud and Dick was more realistic than on Thursday, and the comedy as a whole, seemed to have lost the assumed stiffness of an amateur performance, so that as a whole it seemed more natural.

Of the songs, "On Boylston Street," was again the favorite, the audience seeming unwilling to be anywhere else than "In the Armanywhere eise than "In the Armory." A. F. Baucroft as the dainty Maud, was as strongly applauded as before and his song "The Chemical Maid," was better appreciated.

Heinie, was the same jovial inn-keeper, Jack Straw the same awkward residue, and Jack Tarwas aven more ready to introduce

was even more ready to introduce some new and amusing situation than before.

As Sir Explode, G. M. Henderson showed an excellent conception of the famous chemist, and his love and respect for his gentle wife was as marked as ever. Mrs. Explode, J. B. Sando, showed as much dislike

for the Chemical Maid as one would expect of a jealous wife. Her continual search for "dear, dear Joseph"

was very amusing.
Polly, the most important female part, next to the Chemical Maid was taken by J. Daniels, '05. Polly, had a great deal of love making to do a great deal of love making to do and performed the larger part of it with "her" eyes very effectively. Tom, her lover, showed considerable ease and grace and rendered several songs exceptionally well. C. H. Loutrel as Dick Allen, was the happy-go-lucky American that we have so often seen on the musical comedy stage, and as Maud's lover, was very good. His acting had none of the usual amateur self-consciousness, while his matter-of-fact manner and at the same time effective way of making love took the audience. The Show as a whole, has never been equaled in the six previous productions, and while they are improvements each year on the previous one, still it is safe to say that next year's Show will have to be better than most professional musical comedies, to equal "The Musical Maid."

The Malden Performance.
The last performance of "The Chemical Maid" was given at the Malden Auditorium on Saturday evening. In regard to the character of the presentation it will suffice to that everything went as smoothly as in the previous presentations, and that even the most fastidious of the audience could not find any fault whatever.

The theatre was well filled, and considering that they did not understand our local jokes and hits, the audience was very appreciative. Their approval was evidenced by enthusiastic applause throughout the performance. Among those who saw the last of "The Chemical Maid" there was a large number of Tech men who went out on "The Tech Show Special."

The same musical selections made their usual hits, and the dances were also roundly applauded. If any difference at all was noticeable, it was that the stage business went with more smoothness.

It is entirely safe to say that the three performances given on Thursday, Friday and Saturday, taken together, formed the best and most successful series of comic operas ever

given by Tech students.

The following were the patrons and patronesses for the Malden performance: Mr. and Mrs. Edward E. Babb, Mrs. and Mrs. H. P. Ballard, Mr. and Mrs. Frederick Beebe, Mr. and Mrs. W. S. Blake, Mr. and Mrs. Alvin E. Bliss, Mr. and Mrs. E. S. Booth, Mr. and Mrs. Sidney S. Buttrick, Mr. and Mrs. Geo. H. Graves, Dr. and Mrs. Arthur G. Griffin, Dr. and Mrs. Alvan Hitchcock, Jr., Mr. and Mrs. Minot K. Kendall, Mr. and Mrs. Elmore E. Locke, Mr. and Mrs. Eugene Nelson, Prof. and Mrs. Dwight Porter, Mrs. and Mrs. Rufus H. Sawyer, Mr. and Mrs. Carl A. Scott, Mr. and Mrs. F. P. Shumway, Mr. and Mrs. Charles T. Small, Mr. and Mrs. Harry Stevens, Mr. and Mrs. Daniel P. Wise.

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#### TECHNIQUE RUSH.

Bloodless Battle for Books.

Spring vacation opened with <sup>3</sup> rush at 12 m. on Thursday. For half an hour before, the men intending to rush were gathering around the booth which had been erected back of the Art Museum. The preliminary skirmish for the best places was ended when exactly at noon the signal to commence was given. For tifteen minutes following the struggle was very exciting. Probably three hundred were in the compact group around the window where the books were given out. Very often the smaller men were the most successful, for while the heavy men pushed and jammed into a tight mass, the lighter ones from the outskirts of the crowd ran in over the shoulders of the others and flung themselves onto the window. Several among the first twenty gained their places in this way. No accidents or serious hurts occurred, though quite a number were badly squeezed and winded.

The first five were to be given free books, inscribed with their names and the respective numbers of reaching the window. The judges were unable to decide first place and called it a tie between Hayward, '06, and Paquet, '05. The preference was very slightly in favor of Hayward and he will be given a book marked 1 A; Paquet's will be marked 1 B. Next finished in order named: Leavell, '07; Perry, '05; Breitzke, '07, and Rogers, '07.

The weather was unpromising early in the day, but it turned fair about eleven o'clock, so that in every way this year's Technique Rush was successful.

#### TECH SHOW SONGS.

ON BOYLSTON STREET.

If you happen to be on Boylston Street
On Wednesday noon at two,
You'll see some soldiers on their way,
Up Huntington Avenue.
Their uniforms don't always fit,
They are often on the—
But really they are awful nice.

But really they are awful nice. Oh, goody! here they come.

CHORUS.

For here you see some soldier boys.

"I guess we know the way to march,"
By our snappy motion you can see,
That we are very full of starch.
We march our very, very best,
As we pass the Balcony,
We're the best that you see
If you happen to be at the Armory.

If you happen to be on Boylston Street,
On Monday noon at two,
A crowd of girls from the B. and A.,
You see approaching you,
You notice they wear their gayest clothes
As they trip along in glee,
You see it's their Saturday afternoon,
That's funny it seems to me.

But here you see two Wellesley girls,
If James K. Hackett were in town
And gave a Monday matinee
We sure! dell or down

To-day we're out to have some fun, But soon again we'll be At W-e-l-l-e-s-l-e-y, At Wellesley.

If you happen to be on Boylston Street, 'Bout any time at all,

You can often see come strolling long. Some fellows fine and tall.

Their manners quickly catch your eye,
As they swing aboard a car,
Perhaps if you're a stranger here.

You may wonder who they are.

Cnorus.

For here you see two Harvard boys,
Just listen to our talk,
You'll see our step is quite correct
As down the street we walk.
Our studies—Bah! But see our clothes!
Correct from head to feet,
We're the best you see

If you happen to be On Boylston Street.

THAT AWFUL TIRED FEELING.

This morning when I wandered to the bar,

My mind was clear and pain was from me far.

And when I stepped up to the mixing man,

And watched the sparkling spirits as they ran;

Last autumn as a Freshman I began, And bought my little plates just like a man,

Then a brand new drill suit took my dough.

I tried one second-hand, but 'twas no go.

I bought its latest book on Chemistry. Wells' Algebra and Trigonometry. Pearson's Composition, too,

Anyletics covered blue.

Then buying books I thought that I was through,

But Freehand Charles was not to be undone,

And made us buy his new books every one.

For a thumtack's H. and V., Projection don't you see,

In no other text-book could be found.

## TANTALUM, A NEW METAL.

Whether or not it is to be useful in incandescent lamps, metallic tantalum is certainly a most promising substance. If it can be found in fair amounts its utter indifference to acids will make it extremely useful for many purposes to which platinum is now applied. The uses of platinum are many, and the supply is very meagre, as was found when

THE GLEE CLUB.

I felt that home could never be like this, And as I drank the mess I knew such blics

Could bring nothing else but joy, And I asked the man "What 'tis?" And with a smile he said to me "Gin fiz."

And feeling rich I ordered three,
And hoisted those decoctions into me.
They put me in a cab and slammed on
me the door.

Well, since that time, I can't remember more.

Chonus,

I have that awful tired feeling now, I really don't care what I ever do, And pain and sleep are wrinkling up my brow,

My spirits now are feeling awful blue. It seems as if the world would never stop

From spinning round and round just like a top.

Lthink if I could die
'Twowid he to mer joy,

Russia tried to coin platinum rubles and sent the price skyward at a rate that drove them out of the country to be melted down.

#### HARE AND HOUNDS.

The fourth run of the season was held Saturday, starting from the Chestnut Hill Pumping Station. A trail of four and one-half miles was laid by L. F. Myers, '05, and E. S. Campbell, '06, the Hares. The first six men finished in the following order: First, G. H. Ruggles, '06; second, H. T. Ruggles, '08; third, C. S. Clapp, '08; fourth, J. R. Hickerman, '07; fifth, F. S. McGregor, '07; sixth, R. Munoz-Zertuch, '08.

The first at the bags were Frederick, '07, and Hunter, '08.

Time: Hares, 24 minutes; hounds. 58 minutes.

The next run will be Saturday, and the start will be made from

#### TECH NIGHT AT PARK.

Junior Week Visitors Enjoy Strongheart.

An enjoyable addition to the Junior Week Program was the Tech night at the Park Theatre. A large number of Tech men attended, although the announcement of a Tech night was too late to allow some to attend as other engagements had been made.

Nothing need be said of the play as that is no doubt familiar to all Tech men. The customary standard of excellence was maintained, which is all that need be said. Between the acts the orchestra played the Tech Show music, which was enthusiastically received. Mr. Edeson's speech was extremely elever and his references to Tech affairs were very apt.

Unfortunately the Tech contingent was so scattered as to render an effective cheer impossible, but various noble attempts were made. It is to be hoped that this feature will not be overlooked next year.

#### COURSE VI. THESES.

\_\_\_\_\_

The list of the subjects of the theses of the Seniors in Electrical Engineering is as follows:

"Test of Electric Plant of Atlas Tack Co.," F. H. Abbott and E. Lum.

"Tests of Power Plant of the Augustus Lowell Laboratory," C. E. Atwood and L. C. Winship.

"Power Transmission over an Artificial Transmission Line," C. W. Babcock, H. P. Charlesworth, F. J. Chesterman and E. M. Lines.

"Car Runs, Syracuse Railroad," J. P. Barnes, F. J. Schwartz.

"Test of Electric Plant of United Shoe Machinery Co.," F. W. Brownell and J. C. Eadic.

"Sparking Distances as Related to Frequency," T. B. Cabell.

"Study of Enclosed Fuses," H. C. Crane and J. C. Damon.

"Test of the Electric Plant of the Nashua Light and Power Co.," J. M. De Mallie and F. L. Snow.

"A Method for Determining Hysteresis," J. F. Douglas and H. M. Edmunds.

"Tests on the Induction Motor," J. F. Dunn and R. F. Gale.

"A Study of the Quarter Phase Unit in the Augustus Lowell Laboratory," J. C. Field and H. C. Kendall.

"Car Tests on the Boston and Worcester," W. W. Loomis and A. J. Manson.

"Puncture Tests," W. V. Lyon and M. H. Weaver.

"Test of Transformer in Walker Building," F. P. Poole and C. R. Shaw.

"Studies of Series A. C. Motor," G. I. Rhodes and E. G. Schmeisser.

"Study of Three Wire Generators," A. A. Roberts and T. Shaw.

"Study of Electrolysis in Street Railway Systems," S. A. Smith and H. C. Stetson.

#### STORY OF THE SHOW.

The scene of "The Chemical Maid" is laid in and about Festalburg, Holland. A holiday has been granted the students at one of the universities and they are determined to enjoy themselves to the utmost. Early in the morning they begin their fun by waking up an old innkeeper, Heinie, who has an establishment on the public square, and demanding ale. Heinie protests vigorously against such actions and threatens to shoot them all, but his blunderbuss being somewhat old

The Bailiff smacks his lips in anticipation of this unexpected bliss, but Polly, aided by old Heinie, eludes him and he goes off shaking his head over "these girls and these drunken inn-keepers!"

During this time a crowd of seminary girls have danced their way into the square, and the fun waxes merry in the absence of the chaperon whom the girls have led such a chase and lost. At last the great event of the day comes with the arrival of Sir Explode, a famous chemist, and his large cauldron in which he is to perform a marvelous chemiture which is pronounced to be the chemical residue. In the midst of all this commotion, a messenger arrives with the news of a yacht on the rocks. Off the townspeople hurry to save the crew, and return with a young American, Dick Allen and his crew. Jack Tar, the leader of the sailors, sings himself into the good graces of every one, and things go on merrily. The lively, happy-go-lucky American, becomes desperately smitten by the charms of the Chemical Maid. The cause of her existence, Sir Explode, does not relish the matter-of-fact way in

boys and girls have a clog dance, The whole town is alive with excitement over the expected arrival of a United States war vessel with its sailors who are to rescue Dick from prison. Jack Tar is so confi. dent of his captain's speedy release, that he enjoys himself immensely at the pavilion in Uturtenlich Park, which is kept by old Heinie. He imbibes somewhat freely and gets intoxicated. Heinie claims that he is drunk, but Jack Tar will not agree with him and is sobered up only through the influence of Mamie a bar maid. Sir Explode is still



N. R. DAVIS, C. M. HENDERSON, J. B. SANDO, A. MACOMBER, R. B. SAUNDERS, J. DANIELS, G. H. LOUTBEL, A. F. BANCROFT, A. ELLIS, J. McGOWAN, B. VONNEGUT, J. M. MORRIS, W. A. ADAMS. J E. GRIFFIN. R. G. KANN. JOHN COLEMAN.

and out of order, luckily goes off prematurely so that poor Heinie's shoulder is badly bruised and hurt. The Bailiff of the town, a very alert and stubborn man, hearing the racket comes in with his deputies and is about to round up the stu-dents, when Polly, a seminary girl, comes to the rescue. At first her protestations of the innocence of the fellows, as far as desiring to create any disturbance is concerned, are of little avail, but finally when she promises to kiss the Bailiff if he will release Tom, the release is granted.

cal experiment. As he mixes and stirs his magic fluids, the flames and smoke shoot out of the cauldron, and then in a feminine voice: "Ah Where are my hair pins" announces the existence of a beautiful young girl, "The Chemical Maid." After her appearance, she gazes around in some dismay, not knowing where or who she is, but is finally reconciled to the fact that she is a human being. In the meantime threatening rumbles have been heard in the cauldron, and suddenly without any warn' - \* out

which Maud is being taken from him, and sets out in hot pursuit after the two. Dick is arrested, and amid the pleadings of the townspeople for his freedom and the protestations of the bailiffs that the law must be enforced, he is hustled away to prison.

During the early part of the afternoon the students amuse themselves by drinking ale and singing. The spirit of spirit o | 80 f - '

fuming about the war vessel, worrying about his daughter Maud, and living in constant fear of his "dear, gentle wife" who has had her jealousy aroused through her husband's devotion to this strange Maud.

At last the eagerly awaited war vessel arrives. Lieutenant Carly and his sailors representing the "Majesty of the U.S. N." arrive and he proceeds to interview Sir on the While ' offention as a specialty. Explode, all the while 'being

DISCOUNT TO STUDENTS.

some parley, Dick is released, and Jack Straw, the chemical residue, who has been getting in every one's way, at last finds his voice. After his remarkable song, he wanders off



MAUD (BANCROFT).

a little distance, and an explosion is heard and Jack Straw is no more. Sir Explode becomes reconciled to the loss of his daughter, Mis. Explode then forgives her "dear, dear Joseph" and all ends happily.

Following is a list of the music, cast, patrons and management:

#### MUSIC BY

Ralph Barton Sanders, '07; Herbert Mygatt Wilcox, '05; Harry Lawrence Moody, '07; Emerson Hurd Packard, '07; Charles Francis Willis, '06; Charles Wolston Coffin, '07; Louis John Wolston Coffin, Killion, '05.

#### SCENES.

Act 1. Public Square in the city of Festalburg.
ACT II. Pavilion in Wurtemlich

Park, near Festalburg. Place, Holland. Time, Present.

#### CAST.

The Chemical Maid Maud. A. F. Bancroft, '07.

Of the good ship Spy R. Davis, '05. Dick Allen, Owner of the Spy C. H. Loutrel, '07.

Jack Tar,

Polly, A simple miss

J. Daniels, '05. Polly's lover Tom. R. B. Sanders, '07.

Lieut. Carly, U. S. S. Chicago A. Eilis, '08.

Sir Explode, Professor of Chemistry at the University G. M. Henderson, '06.

Mrs. Explode, His J. B. Sando, '08. His loving wife

Inn-keeper Heinie. K. Vonnegut, '08.
Of Festalburg Bailiff.

J. E. Griffin, '06. A Barmaid If James A. L. \_\_\_\_\_

And gave a Monday matinee Wa sure? I all or Jou

#### STUDENTS.

Nichols, Sargent, Boynton, Clark, Carter, Lufkin, Lambirth, Howe, Stanton, Remon.

#### SEMINARY GIRLS.

Crosby, Collins, Dickiuson, Jr., Hastings, Keeler, Lees, Moore, Shields, Trauerman, Very.

Solo Dancers.

#### Butts, Lynch.

#### CHORUS AND BALLET.

SAILORS.

Heilman, Holt, Coffin, Allen, Rand, Gimson.

SAILOR GIRLS.

Ames, Davenport, Flaherty, Campbell, Locke, Schmidt.

Tourists - Men. Caldwell, Cole, Jr., Goodnow, Draper.

Tourists - Girls.

Whitmore, Brown, Jr., Allen, Spear. BAILIFF'S POSSE.

Morrison, Soule, Schirmer, Wonson. Soule, Longley, Moore,

BARMAIDS.

Wallace, Towle, Riefkohl.

DUTCH GIRLS.

Clark, Allen, Coffin, Keniston, Luther.

DUTCH MEN.

Burleigh, Seaver, Chase, Garratt.

#### DAISIES AND BEES.

Arnold, Barrett, Cook, Jaccard, Putnam, Shapleigh.



MAMIE (MORRIS) and JACK TAR (DAVIS).

PATRONS AND PATRONESSES FOR THE Boston Performances.

Boston Performances.

Pres. and Mrs. Henry S. Pritchett, Mrs. Thomas Allen, Mrs. Oliver Ames, Sr., Prof. Arlo Bates, Prof. and Mrs. F. W. Chandler, Dr. and Mrs. D. W. Cheever, Prof. and Mrs. Harry E. Clifford, Mr. and Mrs. C. P. Curtis, Mrs. Hasket Derby, Prof. and Mrs. Desire Despradelle, Prof. and Mrs. Davis R. Dewey, Mr. and Mrs. Eben S. Draper, Mr. and Mrs. Frederick P. Fish, Mr. and Mrs. Arthur Foote, Mrs. Hollis French, Mr. Alfred Hemenway, Mrs. F. L. Higginson, Mrs. Julia Ward Howe, Prof. and Mrs. W. B. Kehew, Mrs. B. J. Lang, Prof. and Mrs. Gaetano Lanza, Mr. and Mrs. Guy Lowell, Mr. Percival Lowell, Dr. and Mrs. S. J. Mixter, Mrs. George H. Monkes, Mrs. Everett Morss, Mrs. Louise Monkes, Mrs. Everett Morss, Mrs. Louise Chandler Manual Mrs. nd Mrs. ms a , Tired tee Twoata ..

Richards, Mrs. William Rogers, Mr. and Mrs. A. Lawrence Rotch, Mr. and Mrs. J. Montgomery Sears, Mr. and Mrs. James A. Storrow, Dr. and Mrs. John P. Sutherland, Prof. and M.s. George F. Swain, Prof. and Mrs. Henry P. Talbot, Mr. and Mrs. Lucius Tuttle, Mr. and Mrs. F. P. Vinton, Mrs. Francis A. Walker, Mrs. William Fiske Whitney, Mr. and Mrs. George Wigglesworth.

#### MANAGEMENT.

Philip Edward Hinkley, '05, General anager. Raymond W. Parlin, '07, usiness Manager. Frank Sidney Philip Edward Hinkley, '05, General Manager. Raymond W. Parlin, '07, Business Manager. Frank Sidney Hamilton, '07; Joseph Damon Whittemore, '07, Assistant Business Managers. Ralph G. Kann, '07, Stage Manager. Alexander Macomber, '07; James McGowan, Jr., '08, Assistant Stage Managers. Eric Francis Whitney, '07, Press Representative Press Representative.

#### SYNOPSIS OF MUSIC.

ACT I.

Opening Chorus Tom Hendricks and Students Bailiff and Posse Bailift's Song We've Lost Our Chaperone

Tom, Polly, Students and Seminary Girls The Daisy and the Bee Tom and Polly The Hon. Sir Explode Sir Explode and Chorus The Chemical Maid Maud and Chorus A Ship is on the Rocks Chorus Sir Explode and Maud Papa The Spy and 1 Jack Tar and Sailors Jack Tar and Heinie The Single Man Principals and Chorus Finale I

ACT 11. Good Old Ale Tom Hendricks and Students Something Tells Me Tom and Polly Ein, Zwei, Drei Wooden Shoe Dance That Awful Tired Feeling Jack Tar Valse Caprice Solo Dance Yo! Heave Ho! Sunbeam Mand The Simple Miss Polly Up and Away Solo Dance Tis Love, Love, Love!

Tom, Polly and Students On Boylston Street Jack Tar, Heinie, Mamie and Maud

The Majesty of the U.S. A. Lieut. Carly and Chorus I tiness I'm Cupid Jack Straw Principals and Chorus Finale II



JACK STRAW (ADAMS).

#### JUNIOR PROM.

#### Brilliant Event at the Somerset.

Thursday of Junior Week was brought to a very fitting close by the Promenade, which was held in the large ballroom of the Hotel Somer-The hall itself is a light gray or drab with gold decorations and red hangings, making in all a com-^ color very propitious for

a Tech affair. At the lower end of the hall was the supper room and at the upper end under the balcony was a very handsome alcove of palms for the matrons. These palms, together with those situated on the side balcony to conceal the orchestras, were the only decorations furnished by the Conmittee, who relied on the natural beauty of the room and on the handsome gowns and flowers of the ladies to give the room a brilliant appearance, and in this they were not disappointed, for some hundred and thirty-five couples, as well as quite a number of stags, made the floor a pageant of moving colors without crowding it to such an extent that good dancing was impossible. The grand march started about 8.50 and was led by William J. Knapp with Miss Bingham, followed closely by Joseph T. Lawton, Jr., with Miss Simmons and the other couples. The dances followed one another in rapid succession, so that even with encores and extras the supper dance was reached by 11.30 and the dancing was all over by 3. Mr. Carl Behr led both his orchestras with a great measure of success, rendering delightfully varied but homogenous music. The order of the dances and pieces played were as follows:

#### CONCERT PROGRAM.

Four Selections from "It Happened in Nordland" Herbert Grand March The Steel King Rosey Waltz. Susannah

Two Step. Sheridan Waldteufel

Waltz. An Revoir
Two Step Rogers Bros. in Paris.
Waltz. Wedding of the Winds Hall

Two Step. Teasing. Waltz. Skaters Waldtenfel Two Step. Babes in Toyland.

Two Step. Babes in Toyland.
Waltz. Rogers Bros. in Paris.
Two Step. The New Colonial,
Encore. Yankee Land.
Waltz. Let's Go Up to Maud's

Mills

Two Step. Battle Ship Oregon. Waltz. Espana Waldteufel Two Step. Supper Dance, The Billboard. 14,

Waltz. L'Estudiantina Waldtenfel Two Step. Good-bye Little Girl, Good-bye, Encore. Waldmere,

Waltz. Eternelle Iveresse Two Step. Shiftless Sam. Encore. Veni, Vidi, Vici. Waltz. Prince of Pilsen

Luders Two Step. Good-bye My Lady Love. Waltz. Amoureuse Two Step. Second Regt. (Conn.) Berger

Waltz. Ange D'Amour Two Step. Vankee Girl. Waltz. Tommy Waldteufel 24.

Two Step. Bean Club Musings.

Encore, Oh! Didn't He Ramble, Waltz. Espanita Rosey Two Step. Polly Prim,

Waltz. Summer Night Two Step. Unele Sammy, Waltz. Ma Belle Adorée Crosby

Roy Two Step. The Gondolier. Shepherd Waltz, Strolling long the Pike

Two Step. A Deed of the Pen, Waltz. Jacinta. Robyn

Two Step. Dixie Land.
Encore. An Afternoon Tea (Kaffer Klatsch) EXTRAS.

Two Step. Radium Dance

Encore. Laces and Graces. Waltz, Loveland. Holzman

Two Step. I Can't Do That Sum. Two Step. The Guest of Honor.

Encore. Kavania. SPECIAL EXTRA. Two Step. For the Flag.

The buffet supper was excellent of its kind both in quality and quantity. It consisted of croquettes.

chicken and lobster salad, rolls and sandwiches, assorted ices and cakes, and coffee.

The matrons were Mrs. George Knapp of Chicago, Mrs. Joseph T. Lawton of Baltimore, Mrs. George F. Swain and Mrs. George V. Wendell, both of Boston.

The Prom Committee consisted of Wm. J. Knapp, Chairman, L. G. Blodgett, J. T. Lawton, Jr., S. C. superior to any other production of this play that has ever been seen here.

#### Colonial Theatre.

"Humpty Dumpty" is a spectacle for young and old, fat and thin, gay and glum. It is one of the jolliest extravaganzas that Klaw and Erlanger have ever brought to Boston, and it is certainly staged in the



A. A. BLODGETT 1 J. T. LAWTON, JR.

WILLIAMS
W. J. KNAPP

S. C. COEV L. F. MESMER

1906 PROM COMMITTEE.

Coey, H. L. Williams and L. F. Mesmer. They are indeed to be congratulated on their hard work and efficient management for they have produced the largest and finest Prom ever held at the Institute and one of which '06 and every man at Tech may well feel proud. Every class and many outside institutions were represented, making it more a Tech than Class affair. May we have many more as good.

#### AT THE THEATRES.

Attractions for the Week.

#### Hollis St. Theatre.

This is the last week of the engagement of "Little Johnny Jones" in Boston, despite the fact that it is the best liked musical comedy of the year. The house has been packed at every performance, and continuous applause has greeted the efforts of George M. Cohan as star, author and composer. Others who share in the honors are Ethel Levey, Jerry and Helen Cohan of Four-Cohan's fame, Truly Shattuck, Tom Lewis, Sam J. Ryan, J. Bernard Dyllyn, and Edith Tyler.

#### Majestic Theatre.

Large and delighted audiences have been the rule at the Majestic Theatre, where "Florodora," with a gorgeousness of scenery and costuming equal to that with which the original production was dressed, is the attraction. This tuneful and melodious play is now being presented by Fisher & Ryley on its third visit to this city, in a manner

most lavish fashion that they have ever employed. The transformation scenes are wonderful for their beauty and elaborateness, and the great ballets, in which more than 400 persons take a part, have never had an equal upon the stage of the Colonial Theatre.

#### Tremont Theatre.

"Woodland" returned to the Tremont Theatre last Monday evening, and was welcomed by a crowded and loyal house. This beautiful forest fantasy was the annual summer offering of Henry W. Savage at this theatre last Spring, and it immediately leaped into high favor running, there for seventeen weeks. "Woodland" only has two more weeks this time at the Tremont, and this delicate and enchanting forest fantasy may count on a prosperous return.

#### NOTES FROM OTHER COLLEGES.

John D. Rockefeller made a gift of \$100,000 to the University of Virginia. Announcement of the gift was made at the inauguration of President Alderman on April 13.

The Junior Class of New Hampshire College, which is primarily an agricultural college, have substituted for the annual Class banquet a clambake, to be held on the shore of the Great Bay sometime in May.

President Roosevelt will be present at the Harvard Commencement this year, it being the twenty-fifth anniversary of the Class of '80, of

which he is a member. The Class is to present \$100,000 to Harvard on this occasion.

Prizes amounting to \$350 have been offered by the Engineering News, of 220 Broadway, New York City, for the two best papers on "The Manufacture of Concrete Blocks and Their Use in Building Construction." Manuscripts must be typewritten, signed by a nom de plume and accompanied by a sealed envelope bearing on the outside the nom de plume and within real name. The contest ends July 31, 1905.

The faculty of the University of Pennsylvania are investigating charges of scientific fraud made against Professor Herman V. Hilprecht, archwologist. Professor Hilprecht carried on the excavations at Babylon, and stirred the scholastic world by his reports of discoveries. Now have come forward two other noted archwologists asserting that Professor Hilprecht bought in Bagdad and London the tablets he has shown and based his writings upon.

The University of Michigan has a weight-thrower of great promise. This is Garrets, a sophomore, who recently threw the discus four feet further than the world's record. The record in discus throwing is held by Robert Garret, of Princeton, who won that event both in America and at the Olympic Games at Paris in 1900.

The University of Minneseta will have an inter-fraternity track meet this year. It will be held on North-

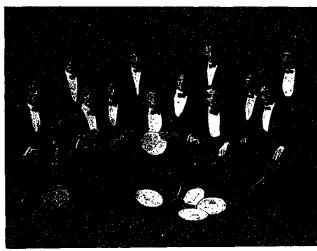
that they will be asked to make banners as prizes for the victorious teams. This was the plan adopted at the Inter-Fraternity Meet held several years ago, and it added immensely to the interest and excitement in it. Dr. Williams has not as yet formulated any rules for the proposed Meet, but has called a meeting of all the fraternities, to be held Tuesday afternoon, at 5 o'clock, in the Armory band room. All arrangements will then be made.

A new irrigation work has been completed and opened for use on the Snake River, Idaho. The dam is 70 feet high and 1,900 feet long, and is to furnish water for 270,000 acres. This dam was built by a private investment company, but the lands are open to the public, and eventully canals and dam will be owned by the landowners.

#### ROTCH TRAVELING SCHOLARSHIP.

The following interesting notice has just been sent to the Department of Architecture by the Secretary of the Rotch Traveling Scholarship:

"The Committee of the Rotch Traveling Scholarship, at its last meeting, voted that hereafter the holder of a degree in Architecture could present the same, and it would be accepted in lieu of the preliminary examinations of the Scholarship." This refers to a travelling scholarship, which is yearly given to a student who has been engaged in professional work, during the two years in Massachusetts, the employee of an architect resident of Massachusetts. It carries with it a yearly honorarium of \$1000.



BANJO CLUB,

rop field the latter part of April, perhaps on the last Wednesday in the month. It is given in pursuance of the policy of getting out the greatest possible amount of material from which to form the track team; and to awaken and increase the interest of the university in general, toward field sports. To still further aid this movement it is probable that an Inter-Literary society meet may be held later in the spring.

#### TRAINING TABLE.

The training table starts to-day at the Hotel Oxford. The following men will report at 1 o'clock: Richards, '07; Lightner, '06; Williams, '06; Howe, '06; Gould, '07; Wilson, '06; Blackburn, '08; Buckingham, '06; Chapman, '07; Gouinlock, '05; Callaway, '08; Howard, '06; Noyes, '07; Eaton, '07; Farrington, '05; Rapelye, '08; Tetlow, '07; Lindsly, '05; Knapp, '06; Childs, '08; Polheman, '06; Williams, '06; Williams, '06; Williams, '06; Childs, '08; Polheman, '06; Williams, '07; Williams, '08; Polheman, '08; Williams, '08; Polheman, '08; Williams, '08; Williams, '06; Williams, '06; Williams, '06; Childs, '08; Polheman, '07; Wilson, '07; Wilson, '08; Childs, '08; Polheman, '08; Williams, '08; Williams, '06; Childs, '08; Polheman, '07; Wilson, '08; Williams, '08;

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Clucinnati. Sleepers and Dining Car.

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6\*02p Fullman Steepers.

6\*02p Falls, Detroit, Cleveland, Chicago. Fullman Steepers.

6\*04p Falls, Detroit, Cleveland, Chicago. Dining Caran Steepers.

6\*05p Falls, Detroit, Cleveland, Chicago and St. Louis, Pullman Steepers.

7\*1+45p Falls, Local." New York State. Steepers to Albany.

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#### Alumni Circular.

(Continued from page 1.) of opinion or of loyalty in the service of the Institute. I count that we shall in the end stand, whatever the decision in this matter, on one platform and for one cause; that is, the upbuilding of the Institute of Technology as an intellectual and spiritual power in the Common-wealth and in the Nation. In this cause I am glad to labor just as heartily, whether our future development lies along one of these paths or another."

In behalf of the alliance, there is a financial statement by George Wigglesworth, Treasurer of the Corporation. He states that there are three courses open to the Institute:

First, To remain where it is, limiting the number of its students to its present accommodations, and striving to make the best of what it now

Second. It may remain in its present site, but make provisions adequate for its needs for some years to come.

Third. It may move to a wholly new site. He says that by accepting the system of co-operation with Harvard, the Institute gets a much larger tract of land and an entirely new set of buildings, accommodating a larger number of students, and all this with less strain to the Institute's resources than by expanding where we are, and with the McKay Fund to fall back on, whereas to move to any other site would cost as much, or more, for the land and buildings, and would leave us without any McKay Fund to look to in the future.

The pamphlet also contains a statement presenting the advantages of the proposed agreement prepared at the request of the Executive Committee of the Alumni Association, by John R. Freeman, Eben S. Draper, and A. Lawrence Lowell. There is an appended plan of the territory surrounding the proposed site.

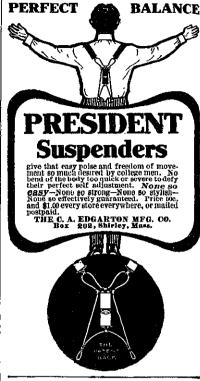
Arguments in opposition to the proposed plan, stating the disadvantages of the proposed agreement, are given in an article by Francis H. Williams, James P. Munroe and Thomas L. Livermore. A very care-

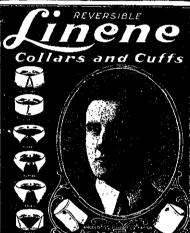
ful analysis of the proposed agreement is made, each section being discussed thoroughly. It states that the words "co-operation and alliance," as used in the title, are not well chosen, as an analysis of the proposed plan shows that it does not put Technology on an equal footing with Harvard. One of the objections to the plan is that it is a well recognized fact that schools of technology are hindered in their development by attaching them to universities. The wonderful success that the Institute has attained during its life of forty years, in spite of the general lack of appreciation of the kind of education it embodied when the school was just established, is a cogent reason in favor of independence. The union of the two schools would not promote economy to any The mingling of the two degree. student bodies would seriously alter. if it did not destroy, the Technology spirit of earnestness, seriousness of purpose, and devotion to work which is distinctive and universally recognized. The proposed agreement fails to distinguish between a school of industrial science and the wider purpose embodied in the Institute of Technology. The limitation of the proposed school to industrial science narrows its scope and its power of development.

Comments on Mr. Wigglesworth's figures are also made, the reasons for differing from his conclusions being based upon the figures given by him either in his address or in his report as Treasurer of the Institute for last year.

This pamphlet to the Alumni, as well as the mass meeting to be held Thursday, is intended to prepare all former Tech men for the letter ballot of the Alumni to be taken not later than May 27, 1905.

Professor Chandler has received an open letter from Mr. C. H. Blackall, Secretary for the Rotch Travelling Scholarship, announcing that hereafter a graduate of the Architectural Department of the Institute, wishing to compete, would be excused from the preliminary examinations on presentation of his degree.





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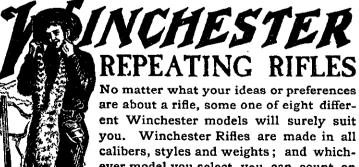
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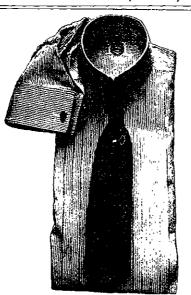


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tensely with a brilliant white, but perfectly cold light. The lamp will give what is called sixteen candlepower, with an energy absorption of five or ten watts, instead of fifty or sixty as at present. It will emit no radiation, except that which can affect the eye. The author is not able to provide details or to say how the high-frequency currents will be generated, or the form of wiring which will be utilized. He says that he is merely giving rein to the imagination in looking forward to discover the ideal form of illumination. He adds that invention has necessarily to move slowly when once large capital is invested in one particular form of manufacture. Long before the state of phosphorescent lighting is reached, we shall, no doubt, pass through other stages of thermo-lighting, by which is meant the process of producing light by heating some material.

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